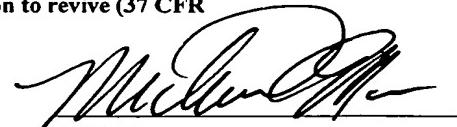


Rec'd PCI/PTO 31 MAR 1998

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <small>FORM PTO-1390 (REV 10-94)</small>		ATTORNEY'S DOCKET NUMBER 3164.98USWO 09 / 05 1034
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) Unknown
INTERNATIONAL APPLICATION NO. PCT/AU97/00492	INTERNATIONAL FILING DATE August 1, 1997	PRIORITY DATE CLAIMED August 2, 1996
TITLE OF INVENTION IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC GLYCOSYLTRANSFERASE		
APPLICANT(S) FOR DO/EO/US Ian Farquhar Campbell MCKENZIE; Mauro Sergio SANDRIN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay <input type="checkbox"/> examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).		
4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input type="checkbox"/>		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). <input type="checkbox"/>		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> b. <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> d. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/>		
8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/>		
9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <input type="checkbox"/>		
10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <input type="checkbox"/>		
Items 11. to 16. below concern document(s) or information included:		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/>		
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/>		
13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/>		
14. <input type="checkbox"/> A substitute specification. <input type="checkbox"/>		
15. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/>		
16. <input checked="" type="checkbox"/> Other items or information: PTO Form 1449; Communication Re: Inventorship; International Search Report <input type="checkbox"/>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
	PCT/AU97/00492	3164.98USWO		
17. [X] The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):				
Search Report has been prepared by the EPO or JPO.....\$930.00				
International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)).....\$720.00				
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$790.00				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO \$1,070.00				
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$98.00				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$535.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	25	-20 =	5	X \$11.00 \$55.00
Independent claims	4	-3 =	1	X \$41.00 \$41.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$
			TOTAL OF ABOVE CALCULATIONS =	\$631.00
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$
			SUBTOTAL =	\$631.00
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$	
			TOTAL NATIONAL FEE =	\$631.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$40.00	
			TOTAL FEES ENCLOSED =	\$671.00
			Amount to be: refunded	\$
			charged	\$
<p>a. [X] Checks in the amount of \$ <u>631.00</u> and \$ <u>40.00</u> to cover the above fees are enclosed.</p> <p>b. [] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>. A duplicate copy of this sheet is enclosed.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>				
SEND ALL CORRESPONDENCE TO: Michael L. Mau MERCHANT & GOULD 3100 Norwest Center 90 South Seventh Street Minneapolis, MN 55403				
 SIGNATURE: Michael L. Mau NAME				
30,087 REGISTRATION NUMBER				

09/051034

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Recd PCT/PTO 31 MAR 1998

Applicant: MCKENZIE et al.
 Docket: 3164.98USWO
 Title: IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC GLYCOSYLTRANSFERASE

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EM422712114US

Date of Deposit: March 31, 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 
 Name: William Smith

BOX PATENT APPLICATION
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

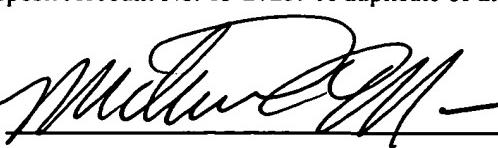
- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 28 pgs; 25 claims; Abstract 1 pgs.
The fee has been calculated as shown below in the 'Claims as Filed' table.
- 12 sheets of formal drawings
- Verified statement to establish small entity status
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to Austin Research Institute, Recordation Form Cover Sheet
- A check in the amount of \$631.00 to cover the Filing Fee
- A check for \$40.00 to cover the Assignment Recording Fee.
- Other: Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371; Information Disclosure Statement; PTO Form 1449; 4 References; Preliminary Amendment; Communication Regarding Inventorship; International Search Report
- Return postcard

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Basic Filing Fee				\$535.00
Total Claims				
25	-	20	= 5 x 11.00 =	\$55.00
Independent Claims				
4	-	3	= 1 x 41.00 =	\$41.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$631.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT, GOULD, SMITH, EDELL,
WELTER & SCHMIDT
 3100 Norwest Center, Minneapolis, MN 55402
 (612) 332-5300

By: 
 Name: Michael L. Mau
 Reg. No.: 30,087
 Initials: MLM/sef

RECEIVED
31 MAR 1998

09/051054

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: McKenzie et al. Docket: 3164.98USWO

Filed: Intl Filing Date August 1, 1997

Title: IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC
GLYCOSYLTRANSFERASE

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EM422712114US

Date of Deposit: March 31, 1998

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

Name: William Smith

COMMUNICATION REGARDING INVENTORSHIP

Honorable Commissioner of
Patents & Trademarks
Washington, D. C. 20231

Sir:

In connection with the above-identified application filed herewith, attached please
a signed Declaration and Power of Attorney, Assignment and Verified Statement
Claiming Small Entity Status. The inventors' names, addresses and citizenship are as
follows:

Ian Farquhar Campbell McKENZIE
359 Brunswick Road
Brunswick Vic 3056
AUSTRALIA
A citizen of Australia

Mauro Sergio SANDRIN
211 Barkley Street
Brunswick Vic 3056
AUSTRALIA
A citizen of Australia

Please address all future communications to:

MERCHANT, GOULD, SMITH, EDELL, WELTER & SCHMIDT
3100 NORWEST CENTER
MINNEAPOLIS, MN 55402

Respectfully submitted,

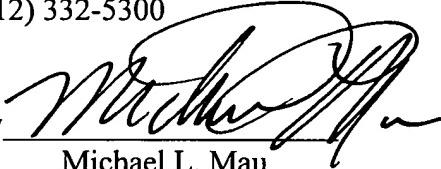
McKENZIE et al.

By their attorneys,

MERCHANT, GOULD, SMITH, EDELL,
WELTER, & SCHMIDT, P.A.
3100 Norwest Center
90 South Seventh Street
Minneapolis, Minnesota 55402
(612) 332-5300

Dated: March 31, 1998

By


Michael L. Mau
Reg. No. 30,087

MLM/sef